Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126718.D
Acq On : 28 Jan 2022 16:11
Operator : CG/JU
Sample : N1319-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
MH-1DMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/31/2022
Supervised By :Jagrut Upadhyay 01/31/2022

Quant Time: Jan 29 02:26:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	271033	40.000	ng		0.00
21) Naphthalene-d8	8.239	136	1053303	40.000	ng		0.00
39) Acenaphthene-d10	10.004	164	537048	40.000	ng		0.00
64) Phenanthrene-d10	11.492	188	792295	40.000	ng		0.00
76) Chrysene-d12	14.139	240	496906	40.000	ng		0.00
86) Perylene-d12	15.662	264	567405	40.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1295197	125.767	ng		0.02
7) Phenol-d6	6.581	99	1761268	123.093	ng		0.00
23) Nitrobenzene-d5	7.522	82	1242357	92.333	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	303815	120.899	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1522648	86.843	ng		0.00
79) Terphenyl-d14	13.080	244	1244395	84.007	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.875	88	276014	54.381	ng	#	87
3) Pyridine	3.628	79	677529	47.653	ng	#	82
4) n-Nitrosodimethylamine	3.598	42	247380	49.174	ng	#	67
6) Aniline	6.622	93	733488m	40.908	ng		
8) 2-Chlorophenol	6.739	128	530358	56.147	ng		94
9) Benzaldehyde	6.510	77	531050	56.443	ng		86
10) Phenol	6.592	94	855177	56.194	ng		99
11) bis(2-Chloroethyl)ether	6.692	93	718083	58.147	ng		93
12) 1,3-Dichlorobenzene	6.898	146	566474	54.021	ng		96
13) 1,4-Dichlorobenzene	6.975	146	565119	53.367	ng		95
14) 1,2-Dichlorobenzene	7.128	146	546834	54.777	ng		98
15) Benzyl Alcohol	7.092	79	604198	47.364	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.228	45	793032	56.286	ng		86
17) 2-Methylphenol	7.204	107	501526	54.005	ng		96
18) Hexachloroethane	7.469	117	233090	54.516	ng		94
19) n-Nitroso-di-n-propyla...	7.369	70	496891	47.581	ng	#	83
20) 3+4-Methylphenols	7.351	107	606647	50.380	ng	#	83
22) Acetophenone	7.363	105	817345	50.360	ng	#	89
24) Nitrobenzene	7.539	77	786532	56.625	ng	#	88
25) Isophorone	7.775	82	1373074	52.620	ng		95
26) 2-Nitrophenol	7.857	139	266484	73.545	ng	#	88
27) 2,4-Dimethylphenol	7.886	122	506243	58.874	ng		88
28) bis(2-Chloroethoxy)met...	7.986	93	844153	51.870	ng		97
29) 2,4-Dichlorophenol	8.092	162	423631	51.937	ng		96
30) 1,2,4-Trichlorobenzene	8.180	180	455533	52.078	ng		98
31) Naphthalene	8.263	128	1507424	52.984	ng		99
32) Benzoic acid	7.992	122	305163	62.562	ng	#	75
33) 4-Chloroaniline	8.304	127	165508	14.560	ng	#	91
34) Hexachlorobutadiene	8.375	225	276390	49.674	ng		98
35) Caprolactam	8.680	113	144888m	49.742	ng		
36) 4-Chloro-3-methylphenol	8.786	107	512917	48.087	ng		92
37) 2-Methylnaphthalene	8.957	142	930575	52.593	ng		96
38) 1-Methylnaphthalene	9.057	142	879908	51.307	ng		97
40) 1,2,4,5-Tetrachloroben...	9.116	216	424525	56.366	ng		97
41) Hexachlorocyclopentadiene	9.104	237	541606	118.110	ng		95
43) 2,4,6-Trichlorophenol	9.227	196	284525	52.993	ng		98

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44) 2,4,5-Trichlorophenol	9.269	196	287160	51.641	ng	#	94
46) 1,1'-Biphenyl	9.422	154	1108183	54.779	ng		98
47) 2-Chloronaphthalene	9.445	162	867166	54.560	ng		99
48) 2-Nitroaniline	9.539	65	343134	62.528	ng		93
49) Acenaphthylene	9.863	152	1358898	54.504	ng		99
50) Dimethylphthalate	9.722	163	946108	49.677	ng	#	99
51) 2,6-Dinitrotoluene	9.780	165	209799	63.750	ng		87
52) Acenaphthene	10.033	154	880259	57.751	ng		98
53) 3-Nitroaniline	9.951	138	127162	33.795	ng		89
54) 2,4-Dinitrophenol	10.057	184	182182	126.487	ng		90
55) Dibenzofuran	10.210	168	1159010	50.599	ng		98
56) 4-Nitrophenol	10.104	139	313491	104.629	ng	#	76
57) 2,4-Dinitrotoluene	10.186	165	261809	65.650	ng		97
58) Fluorene	10.551	166	853746	49.366	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.321	232	227912	50.132	ng	#	83
60) Diethylphthalate	10.421	149	888543	46.934	ng		96
61) 4-Chlorophenyl-phenyle...	10.539	204	425529	49.267	ng		90
62) 4-Nitroaniline	10.569	138	193341	52.945	ng		81
63) Azobenzene	10.704	77	1299204	46.372	ng		92
65) 4,6-Dinitro-2-methylph...	10.592	198	119452	68.165	ng		91
66) n-Nitrosodiphenylamine	10.663	169	751956	56.233	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	256237	56.123	ng		94
68) Hexachlorobenzene	11.098	284	279622	57.403	ng	#	87
69) Atrazine	11.186	200	221422	51.847	ng		93
70) Pentachlorophenol	11.292	266	276689	97.681	ng		99
71) Phenanthrene	11.516	178	1189097	52.540	ng		99
72) Anthracene	11.568	178	1220105	53.731	ng		99
73) Carbazole	11.721	167	1001466	46.974	ng		98
74) Di-n-butylphthalate	12.045	149	1247883	48.540	ng	#	98
75) Fluoranthene	12.710	202	1059680	47.403	ng		98
77) Benzidine	12.827	184	485611	56.657	ng		98
78) Pyrene	12.939	202	1053479	52.433	ng		99
80) Butylbenzylphthalate	13.557	149	437021	50.065	ng	#	96
81) Benzo(a)anthracene	14.133	228	890782	52.749	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	174520	31.459	ng	#	94
83) Chrysene	14.168	228	860048	52.929	ng		99
84) Bis(2-ethylhexyl)phtha...	14.109	149	615579	52.072	ng		99
85) Di-n-octyl phthalate	14.733	149	1075240	59.408	ng		95
87) Indeno(1,2,3-cd)pyrene	17.221	276	1112134	63.446	ng	#	93
88) Benzo(b)fluoranthene	15.209	252	919761	48.888	ng	#	94
89) Benzo(k)fluoranthene	15.245	252	924044	50.023	ng	#	95
90) Benzo(a)pyrene	15.598	252	935968	61.145	ng	#	96
91) Dibenzo(a,h)anthracene	17.250	278	944516	65.043	ng	#	95
92) Benzo(g,h,i)perylene	17.703	276	974375	68.430	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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